

SAI KUMAR KOVOURI

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PROFESSIONAL SUMMARY

Graduate student with 3 years of experience in Software Engineering. Proficient in building scalable, high performance web applications using C#, MVC in Java, AngularJS and JavaScript.

EDUCATION

Masters (CS) - University of Missouri, Columbia, MO || GPA 3.9

Jan'16 - Dec'17 (Expected)

Bachelors (CS&E) - Osmania University, Hyderabad, India || GPA 3.6

Jun'09 - May'13

PROFESSIONAL EXPERIENCE

Assessment Resource Center | Graduate Research Assistant

Columbia | June'16 - Present

- Designed, developed and deployed highly available web applications for departments, faculty and students.
- Worked on object-oriented, n-tier web application development using C#, AngularJS, ASP.NET MVC.

NetCracker Technology Solutions | Associate Software Engineer

Hyderabad | June'13 - Dec'15

- Developed AT&T Card Account Manager Web application using Java/J2EE and Struts framework.
- Implemented shell scripts to interact with Database and automate production tasks.
- Resolved more than 30 system critical issues during migration of CAM servers from Convergys to NetCracker.
- Performed regression and system level testing before every release to verify application quality and functionality.
- Worked on Development, Testing and Production phases of SDLC.
- Designed and developed an Implementation Plan Tool, which saved 150 IT hours annually.
- Developed an automated tool that sends RSS feeds to the whole team, which keeps track of ongoing technology.

SKILLS

- Java, C#, C++, AngularJS, Android, JSP, JavaScript, JQuery, JavaFX, Struts, HTML5, Matlab, Shell Scripting.
- SQL/PLSQL, SQL Server, Oracle 11g, AWS, TFS, SVN, Git, Visual Studio, Eclipse, NetBeans.

PROJECTS

- Implemented Software Defined Network to stream video intelligently using Openflow controller, which changes the network path from the server to the client based on client feedback.
- Trained Support Vector Machine to classify various cancer types. Determined the confidence level for each cancer type based on microarray data using SVM Classifier.
- Designed and developed an Android app, which aimed at finding the possible ways to measure visual acuity errors.
- Developed an Android application at HackMizzou which gives a complex algebraic expression to solve. Players are provided with the number used and operators stack.
- Developed 'Instant Messenger with RSA encryption', a Java-based application that provides secure instant messaging services using RSA algorithm.

ACHIEVEMENTS

- Certified by EMC² on **Information Storage Associate Version 2**.
- Won Spotlight Excellence Employee award for best performance at NetCracker.
- Cleared proficient level certification in UNIX and Shell scripting.
- **Activities:** Member of Mizzou Computing Association, Badminton Club, Treasurer at Cultural Association of India